| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|--|---------------------|--------------------|
| 255 | 4778 | (substrate carrier) with (conductive near2 | USPAT; | 2003/01/03 07:48 |
| | | (vias (through adj hole))) | US-PGPUB; | |
| | | (| EPO; JPO; | |
| | | | DERWENT | |
| 256 | 2975 | (substrate carrier) near3 ((ground power) | USPAT; | 2003/01/03 07:48 |
| 200 | 2370 | near1 plane) | US-PGPUB; | 2003/01/03 07.40 |
| | | nour pramo, | EPO; JPO; | |
| | | | DERWENT | |
| 257 | 186 | ((substrate carrier) with (conductive | USPAT; | 2003/01/03 07:49 |
| 20, | 100 | near2 (vias (through adj hole)))) and | US-PGPUB; | 2003/01/03 07.43 |
| | | ((substrate carrier) near3 ((ground power) | EPO; JPO; | |
| | | near1 plane)) | DERWENT | |
| 258 | 52 | (((substrate carrier) with (conductive | USPAT; | 2003/01/03 08:55 |
| 230 | 52 | near2 (vias (through adj hole)))) and | US-PGPUB; | 2003/01/03 00:55 |
| | | ((substrate carrier) near3 ((ground power) | EPO; JPO; | |
| | | near1 plane))) and (bump ball) and | DERWENT | |
| | | ((bonding bond) adj pad) | DEKWENI | |
| 259 | 0 | 20020079572.URPN. | USPAT | 2003/01/03 08:28 |
| 260 | 92 | (((substrate carrier) with (conductive | | 2003/01/03 08:28 |
| 200 | 92 | near2 (vias (through adj hole)))) and | USPAT; US-PGPUB; | 2003/01/03 08:30 |
| | | ((substrate carrier) near3 ((ground power) | EPO; JPO; | |
| | | | | |
| 261 | 0 | near1 plane))) and (bump ball) | DERWENT | 2002/01/02 00-20 |
| 201 | U | ((((substrate carrier) with (conductive | USPAT; | 2003/01/03 08:30 |
| | | near2 (vias (through adj hole)))) and ((substrate carrier) near3 ((ground power) | US-PGPUB; | |
| | | | EPO; JPO; | |
| | | nearl plane))) and (bump ball)) not (((substrate carrier) with (conductive | DERWENT | |
| | | near2 (vias (through adj hole)))) and | | |
| | | ((substrate carrier) near3 ((ground power) | | |
| | | near1 plane))) | | |
| 262 | 40 | ((((substrate carrier) with (conductive | USPAT; | 2003/01/03 08:47 |
| 202 | 40 | near2 (vias (through adj hole)))) and | US-PGPUB; | 2003/01/03 08.47 |
| | | ((substrate carrier) near3 ((ground power) | EPO; JPO; | |
| | | near1 plane))) and (bump ball)) not | DERWENT | |
| | | ((((substrate carrier) with (conductive | DEKWENT | |
| | | near2 (vias (through adj hole)))) and | | |
| | | ((substrate carrier) near3 ((ground power) | | |
| | | near1 plane))) and (bump ball) and | | |
| | | ((bonding bond) adj pad)) | | |
| 263 | 7 | ("5087896" "5307237" "5424693" | USPAT | 2003/01/03 08:32 |
| | · | "5545924" "5877560" "5952719" | | 2000, 02, 00 00102 |
| | | "6163458").PN. | | |
| 264 | 4 | 5307237.URPN. | USPAT | 2003/01/03 08:34 |
| 265 | 9 | ("4617586" "4768004" "4839717" | USPAT | 2003/01/03 08:34 |
| | • | "4925024" "4949163" "4953001" | 002111 | 2000,01,00 00.01 |
| | | "5057805" "5083236" "5184210").PN. | | |
| 266 | 18 | 5686764.URPN. | USPAT | 2003/01/03 08:38 |
| 267 | 0 | 6479758.URPN. | USPAT | 2003/01/03 08:40 |
| 268 | 7 | ("4855537" "5631502" "5686764" | USPAT | 2003/01/03 08:40 |
| | | "5691568" "5847936" "6163071" | | |
| | | "6198635").PN. | | |
| 269 | 6 | ("4884122" "4930002" "5231300" | USPAT | 2003/01/03 08:41 |
| | _ | "5272600" "5347160" "5393991").PN. | | |
| 270 | 7 | ("5237448" "5258648" "5281151" | USPAT | 2003/01/03 08:45 |
| | | "5381307" "5391917" "5510758" | | |
| | | "5523622").PN. | | |
| 271 | 92 | ((((substrate carrier) with (conductive | USPAT; | 2003/01/03 08:48 |
| | | near2 (vias (through adj hole)))) and | US-PGPUB; | |
| | | ((substrate carrier) near3 ((ground power) | EPO; JPO; | |
| | | near1 plane))) and (bump ball)) | DERWENT | |
| | | ((((substrate carrier) with (conductive | | |
| | | near2 (vias (through adj hole)))) and | | |
| | | ((substrate carrier) near3 ((ground power) | | |
| | | near1 plane))) and (bump ball) and | | |
| | | ((bonding bond) adj pad)) | 1 | 1 |

| 272 | 94 | (((substrate carrier) with (conductive | USPAT; | 2003/01/03 08:54 |
|-----|------|--|-----------|------------------|
| 2,2 |) , | near2 (vias (through adj hole)))) and | US-PGPUB; | 2003/01/03 08:54 |
| | | ((substrate carrier) near3 ((ground power) | EPO; JPO; | |
| | | near1 plane))) not ((((substrate carrier) | DERWENT | |
| | | · · · · · · · · · · · · · · · · · · · | DERWENT | 1 |
| | | with (conductive near2 (vias (through adj | | |
| | | hole)))) and ((substrate carrier) near3 | | |
| | | ((ground power) near1 plane))) and (bump | | |
| | | ball)) ((((substrate carrier) with | | |
| | | (conductive near2 (vias (through adj | | |
| | | hole)))) and ((substrate carrier) near3 | | |
| | | ((ground power) near1 plane))) and (bump | | |
| | | ball) and ((bonding bond) adj pad))) | | |
| 273 | 1279 | ((substrate carrier) near3 ((ground power) | USPAT; | 2003/01/03 08:55 |
| | | near1 plane)) and microwave | US-PGPUB; | |
| | | | EPO; JPO; | |
| | | | DERWENT | |
| 274 | 26 | (((substrate carrier) near3 ((ground | USPAT; | 2003/01/03 08:55 |
| | | power) near1 plane)) and microwave) and | US-PGPUB; | |
| | | (bump ball) and ((bonding bond) adj pad) | EPO; JPO; | |
| | | | DERWENT | |
| 275 | 75 | (((substrate carrier) near3 ((ground | USPAT; | 2003/01/03 08:56 |
| | | power) near1 plane)) and microwave) and | US-PGPUB; | |
| | 1 | ((bonding bond) adj pad) | EPO; JPO; | |
| | | | DERWENT | |
| 276 | 75 | ((((substrate carrier) near3 ((ground | USPAT; | 2003/01/03 08:56 |
| | 1 | power) near1 plane)) and microwave) and | US-PGPUB; | |
| 1 | | (bump ball) and ((bonding bond) adj pad)) | EPO; JPO; | |
| | | ((((substrate carrier) near3 ((ground | DERWENT | |
| | | power) near1 plane)) and microwave) and | | |
| | | ((bonding bond) adj pad)) | | |
| L | 1 | Las general des general | | |

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|--------------------|------------------|
| 1 | 41 | (US-5640048-\$ or US-5625225-\$ or | USPAT; | 2003/01/02 13:49 |
| _ | | US-5545923-\$ or US-6207476-\$ or | US-PGPUB | |
| | | US-6057596-\$ or US-5798571-\$ or | | |
| | | US-5895968-\$ or US-6384476-\$ or | | |
| | | US-5672911-\$ or US-5592025-\$ or | | |
| | | US-6107679-\$ or US-6232650-\$ or | | |
| | | US-5581122-\$ or US-5650660-\$ or | | |
| | | US-5825084-\$ or US-6359341-\$ or | | |
| | | US-4513355-\$ or US-5468999-\$ or | | |
| | | US-5731631-\$ or US-6384485-\$ or | | |
| } | | US-6225694-\$ or US-6008536-\$ or US-5309024-\$ or US-5923540-\$ or | | |
| | | US-6175152-\$ or US-5691568-\$).did. or | | |
| | | (US-6310398-\$ or US-6281580-\$ or | | |
| | | US-6225690-\$ or US-6225702-\$ or | | |
| | | US-6163071-\$ or US-6137062-\$ or | | |
| | | US-6043559-\$ or US-6064113-\$ or | | |
| | | US-6008534-\$ or US-5982632-\$ or | | |
| | | US-5714801-\$ or US-5686699-\$ or | | |
| | | US-5847936-\$ or US-5990547-\$).did. or | | |
| | | (US-20010013654-\$).did. | | |
| 2 | 8 | "6157085" | USPAT; | 2003/01/02 13:49 |
| | _ | | US-PGPUB | 0000 (01 (55 55 |
| 3 | 6 | "5741726" | USPAT; | 2003/01/02 13:49 |
| | | H5741700H | US-PGPUB | 0000/01/00 10 :- |
| 4 | 19 | "5741729" | USPAT; | 2003/01/02 13:49 |
| | _ | WC1 271 60 W | US-PGPUB | 2002/01/02 12-50 |
| 5 | 6 | "6137168" | USPAT; US-PGPUB | 2003/01/02 13:50 |
| 6 | 38 | "6157085" "5741726" "5741729" "6137168" | USPAT; | 2003/01/02 14:40 |
| 0 | 30 | 0137003 3741720 3741729 0137100 | US-PGPUB | 2003/01/02 14.40 |
| 7 | 11 | ("4912603" "5686699" "5741726" | USPAT | 2003/01/02 13:53 |
| 1 | | "5777277" "5784262" "5847936" | 001111 | 2003,01,02 13.33 |
| | | "6064113" "6072126" "6194668" | | |
| | | "6218630" "6285560").PN. | | |
| 8 | 7 | 6157085.URPN. | USPAT | 2003/01/02 14:04 |
| 9 | 8 | ("5001542" "5113241" "5136365" | USPAT | 2003/01/02 14:05 |
| | | "5311059" "5350947" "5371404" | | |
| | _ | "5739588" "5796589").PN. | | |
| 10 | 2 | ("5399903" "5640048").PN. | USPAT | 2003/01/02 14:06 |
| 12 | 35 | "5530286" | USPAT; | 2003/01/02 14:40 |
| 12 | 1 = | "5986209" | US-PGPUB | 2002/01/02 14:40 |
| 13 | 15 | 7 2986209 | USPAT; US-PGPUB | 2003/01/02 14:40 |
| 14 | 43 | "5357139" | USPAT; | 2003/01/02 14:40 |
| 1 - 1 | 13 | 3337133 | US-PGPUB | 2003/01/02 14.40 |
| 16 | 70 | ("5530286" "5986209" "5357139") not | USPAT; | 2003/01/02 14:41 |
| | | ((US-5640048-\$ or US-5625225-\$ or | US-PGPUB | |
| | | US-5545923-\$ or US-6207476-\$ or | | |
| | | US-6057596-\$ or US-5798571-\$ or | | |
| | | US-5895968-\$ or US-6384476-\$ or | | |
| | | US-5672911-\$ or US-5592025-\$ or | | |
| | | US-6107679-\$ or US-6232650-\$ or | | |
| | | US-5581122-\$ or US-5650660-\$ or | | |
| | | US-5825084-\$ or US-6359341-\$ or | | |
| | | US-4513355-\$ or US-5468999-\$ or | | |
| | | US-5731631-\$ or US-6384485-\$ or | | |
| | | US-6225694-\$ or US-6008536-\$ or | | |
| | | US-5309024-\$ or US-5923540-\$ or US-6175152-\$ or US-5691568-\$).did. or | | |
| | | (US-6310398-\$ or US-6281580-\$ or | | |
| | | US-6225690-\$ or US-6225702-\$ or | | |
| | | US-6163071-\$ or US-6137062-\$ or | | |
| | | US-6043559-\$ or US-6064113-\$ or | | |
| | | US-6008534-\$ or US-5982632-\$ or | | |
| | | US-5714801-\$ or US-5686699-\$ or | | |
| | | US-5847936-\$ or US-5990547-\$).did. or | | |
| | | (US-20010013654-\$).did.) not ("6157085" | | |
| 1 | | "5741726" "5741729" "6137168") | | |

| 15 | 70 | "5530286" "5986209" "5357139" | USPAT; | 2003/01/02 14:41 |
|----|----|------------------------------------|----------|------------------|
| | | | US-PGPUB | |
| 11 | 1 | "6380633" | USPAT; | 2003/01/02 14:42 |
| | | | US-PGPUB | į |
| 17 | 7 | ("5886406" "6165892" "6171888" | USPAT | 2003/01/02 14:42 |
| | | "6198635" "6128731" "6225687" | | |
| | | "6246112").PN. | | |
| 18 | 0 | 6380633.URPN. | USPAT | 2003/01/02 14:43 |

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|--|-----------|------------------|
| 23 | 37 | "5583377" | USPAT; | 2003/01/03 14:50 |
| | | | US-PGPUB; | |
| İ | | | EPO; JPO; | |
| | | | DERWENT | |
| 24 | 38 | "6020637" | USPAT; | 2003/01/03 14:50 |
| | | | US-PGPUB; | |
| | | | EPO; JPO; | |
| | | | DERWENT | |
| 25 | 68 | "5291062" | USPAT; | 2003/01/03 14:51 |
| | | | US-PGPUB; | |
| | | | EPO; JPO; | 1 |
| | | | DERWENT | |
| 26 | 140 | "5583377" "6020637" "5291062" | USPAT; | 2003/01/03 14:51 |
| | | | US-PGPUB; | (|
| | | | EPO; JPO; | |
| 07 | | /HG 5731631 6 HG 6304405 6 | DERWENT | 0000/01/00 14 51 |
| 27 | 57 | (US-5731631-\$ or US-6384485-\$ or US-6137168-\$ or US-6225694-\$ or | USPAT; | 2003/01/03 14:51 |
| | | US-6008536-\$ or US-5309024-\$ or | US-PGPUB | |
| | | US-5923540-\$ or US-6175152-\$ or | | |
| ļ | | US-6359341-\$ or US-6448639-\$ or | | |
| | | US-6489574-\$ or US-6400576-\$ or | | |
| | | US-6403896-\$ or US-6157085-\$ or | | |
| | | US-5691568-\$ or US-6310398-\$ or | | |
| | | US-6281580-\$ or US-6225702-\$ or | | |
| | | US-6225690-\$ or US-6163071-\$ or | | |
| | | US-6137062-\$ or US-6043559-\$ or | | |
| | | US-6064113-\$ or US-5982632-\$ or | | |
| | | US-6008534-\$ or US-5686699-\$).did. or | | |
| | | (US-5714801-\$ or US-5847936-\$ or | | |
| | | US-5990547-\$ or US-5640048-\$ or | | |
| 1 | | US-5625225-\$ or US-6207476-\$ or | | |
| | | US-5545923-\$ or US-6057596-\$ or | | |
| | | US-5798571-\$ or US-5895968-\$ or | | |
| | | US-6384476-\$ or US-5672911-\$ or | | |
| | | US-5592025-\$ or US-6232650-\$ or | | |
| | | US-6107679-\$ or US-5825084-\$ or | | |
| | | US-5650660-\$ or US-5581122-\$ or | | |
| } | | US-4513355-\$ or US-5468999-\$ or | | |
| | | US-5307237-\$ or US-6426686-\$ or | | |
| | | US-6479758-\$ or US-6198635-\$ or | | |
| } | | US-5686764-\$ or US-6225143-\$ or | | |
| | | US-5952726-\$).did. or (US-20010013654-\$ or | | |
| | | US-20020190361-\$ or US-20020185734-\$ or | | |
| | | US-20020079572-\$).did. | | |

| 28 | 135 | ("5583377" "6020637" "5291062") not | USPAT; | 2003/01/03 14:51 |
|----|-----|--|-----------|------------------|
| 20 | 133 | ((US-5731631-\$ or US-6384485-\$ or | US-PGPUB; | 2003/01/03 14.31 |
| | 1 | US-6137168-\$ or US-6225694-\$ or | EPO; JPO; | |
| | | US-6008536-\$ or US-5309024-\$ or | DERWENT | |
| | | US-5923540-\$ or US-6175152-\$ or | DERWENT | |
| | | US-6359341-\$ or US-6448639-\$ or | | |
| | | US-6489574-\$ or US-6400576-\$ or | | |
| | | US-6403896-\$ or US-6157085-\$ or | | |
| | | US-5691568-\$ or US-6310398-\$ or | | |
| | | US-6281580-\$ or US-6225702-\$ or | | |
| | | US-6225690-\$ or US-6163071-\$ or | | |
| | | US-6137062-\$ or US-6043559-\$ or | Į. | |
| | | US-6064113-\$ or US-5982632-\$ or | | |
| | | US-6008534-\$ or US-5686699-\$).did. or | | |
| | | (US-5714801-\$ or US-5847936-\$ or | | |
| | | US-5990547-\$ or US-5640048-\$ or | | İ |
| | | US-5625225-\$ or US-6207476-\$ or | | |
| | | US-5545923-\$ or US-6057596-\$ or | | |
| | | US-5798571-\$ or US-5895968-\$ or | | |
| | | US-6384476-\$ or US-5672911-\$ or | | |
| | | US-5592025-\$ or US-6232650-\$ or | | |
| | | US-6107679-\$ or US-5825084-\$ or | | |
| | | US-5650660-\$ or US-5581122-\$ or | | |
| | | US-4513355-\$ or US-5468999-\$ or | | |
| | | US-5307237-\$ or US-6426686-\$ or | | |
| | | US-6479758-\$ or US-6198635-\$ or | | |
| | | US-5686764-\$ or US-6225143-\$ or | | ļ |
| | | US-5952726-\$).did. or (US-20010013654-\$ or | | |
| | , | US-20020190361-\$ or US-20020185734-\$ or | | |
| | | US-20020190301-\$ 01 05-2002010373\$ \$ 01 US-2002010373\$ | | |
| 31 | 24 | "5894410" | USPAT; | 2003/01/03 15:39 |
| 31 | 24 | 3034410 | US-PGPUB; | 2003/01/03 13:33 |
| | | | EPO; JPO; | † |
| | | | DERWENT | |
| 32 | 11 | 5894410.URPN. | USPAT | 2003/01/03 15:41 |
| 33 | 3 | ("5894410" "6025650" "6031292").PN. | USPAT | 2003/01/03 15:41 |
| 34 | 5 | ("5216278" "5285352" "5355283" | USPAT | 2003/01/03 15:41 |
| 34 | | "5450283" "5490324").PN. | ODIAL | 2000/01/00 10.41 |
| | i | J450205 J450524 /.LN. | | .1 |